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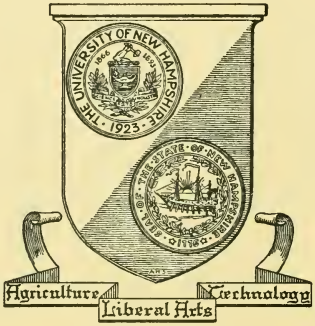

The University
of
New Hampshire

Bulletin 390 August, 1951

NEW HAMPSHIRE
AGRICULTURAL EXPERIMENT STATION

Department of Agronomy

Results of Seed Tests for 1951

Made for the
STATE DEPARTMENT OF AGRICULTURE

By BESSIE G. SANBORN

THE UNIVERSITY OF NEW HAMPSHIRE
DURHAM, N. H.

RESULTS OF SEED TESTS

Made July 1, 1950, to June 30, 1951

This report contains the results of the seed inspection work for the State Department of Agriculture of 682 official samples collected throughout the state during the period from July 1, 1950, to June 30, 1951, by Mr. George Laramie, Seed Control Supervisor, and Mr. Harold Ayer, Inspector. In addition to these official samples, 1848 private samples were analyzed, making a total of 2530 samples inspected.

Wholesalers are listed in alphabetical order except when samples are presumed to have been carried over, in which case they are listed alphabetically by dealers. The New Hampshire seed law requires that both agricultural and vegetable seeds must be labeled with the calendar month and year when last tested for germination, and requires that this germination test shall have been completed within nine months of being offered for sale. In the following tables, if the date of test was within the prescribed nine months, the sample is marked satisfactory, "S" in this respect; if no date was given, the word "None" appears indicating a violation; if the date was a violation of the law because the test was not made within nine months, the date given on the tag or label appears in that column.

The first part of the report deals with 189 samples of agricultural seed tested for purity, germination and noxious weed content. There is a tolerance or allowable variation from the guarantee for both purity and germination, in accordance with the Rules for Seed Testing adopted by the Association of Official Seed Analysts, so that, for instance a sample of timothy guaranteed 99.20 for purity and 85% for germination could test as low as 98.25% for purity and 77% for germination and be "satisfactory." If a sample when tested for purity falls within the allowable variation, it is marked "S" (satisfactory); if below the allowable variation, and therefore a violation, the actual figure found for purity is given. The same is true for germination in the case of agricultural seeds.

The second part of the report applies to 493 samples of vegetable seeds which were tested for germination only. The New Hampshire seed law requires that unless each packet or other container is plainly marked "Below Standard" together with the percentage of germination, vegetable seeds must test up to the prescribed standard for that kind of seed, and that there is no tolerance from the adopted standards. In the column headed "Found" if the same was up to standard, an "S" (satisfactory) appears. The exception to this is in the case of a given sample being marked with a guarantee, which is not required if vegetable seed is up to standard; then, if the seed is found to be below the regular tolerance from that guaranteed figure, the figure found upon test followed by "†" is listed as "mislabeled" even though it might in some cases be up to standard.

The New Hampshire seed law and the rules and regulations thereunder, including the germination standards for vegetable seed, follow:

STATE OF NEW HAMPSHIRE

CHAPTER 224, REVISED LAWS

(As inserted by Chapter 54 Laws of 1943)

AN ACT

Te Regulate the Labeling, Sale and Offering or Exposing for Sale, of Agricultural and Vegetable Seeds.

Agricultural and Vegetable Seeds

1. **Definitions.** Terms used in this chapter shall be construed as follows:

I. The term "agricultural seeds" shall include the seeds of grass, forage, cereal and fiber crops and any other kinds of seeds commonly recognized within this state as agricultural or field seeds, and mixtures of such seeds.

II. The term "vegetable seeds" shall include the seeds of those crops which are grown in gardens or on truck farms and are generally known and sold under the name of vegetable seeds in this state.

III. The term "weed seeds" shall include the seeds of all plants generally recognized as weeds within this state, and shall include noxious weed seeds.

IV. Noxious weed seeds shall be divided into two classes, "primary noxious weed seeds" and "secondary noxious weed seeds" as herein defined; provided, that the commissioner of agriculture may add to or subtract from the list of seeds included under either definition whenever he finds that such additions or subtractions are within the respective definitions.

V. "Primary noxious weed seeds" shall include the seeds of perennial weeds such as those that reproduce and spread by underground roots or stems as well as by seed, and which, when established, are highly destructive and difficult to control in this state by ordinary good cultural practice. Primary noxious weed seeds in this state are the seeds of: Canada thistle (Cirsium arvense), field bindweed (Convolvulus arvensis), and quackgrass (Agropyron repens).

VI. "Secondary noxious weed seeds" shall include the seeds of such weeds as are very objectionable in field, lawns, or gardens of this state, but can be controlled by good cultural practices. The secondary noxious weed seeds in this state are the seeds of: dodder (Cuscuta spp.) and crab grass (Digitaria sanguinalis).

VII. The term "labeling" includes all labels, and other written, printed, or graphic representations, in any form whatsoever, accompanying and pertaining to any seed whether in bulk or in containers, and includes invoices.

VIII. The term "advertisement" means all representations, other than those on the label, disseminated in any manner or by any means, relating to seed within the scope of this chapter.

2. **Label Requirement.** Each separate container of agricultural or vegetable seed, including seeds in small packets, which is sold, offered for sale, or exposed for sale, within this state for sowing purposes shall bear thereon or have attached thereto in a conspicuous place a plainly written or printed label or tag in the English language, giving the information as set forth in sections 3 and 4.

3. **Agricultural Seeds.** For agricultural seeds the following is required:

I. Commonly accepted name of kind, or kind and variety, of each agricultural seed component in excess of five per cent of the whole and the percentage by weight of each. Where more than one component is required to be named, the word "mixture" or "mixed" shall be associated with the name on the label.

II. Lot number or other lot identification.

III. Origin, if known, of alfalfa, red clover and field corn (except hybrid corn). If the origin is unknown, that fact shall be stated.

IV. Percentage by weight of all weed seeds, including those known as noxious weeds.

V. Secondary noxious weeds. The name and approximate number of each kind of secondary noxious weed seed, per ounce in groups (A) and (B) and per pound in groups (C) and (D), when present singly or collectively in excess of—

(A) One seed or bulblet in each 5 grams of Agrostis spp., Poa spp., Rhodes grass, Bermuda grass, timothy, orchard grass, fescues (except meadow fescue), alsike and white clover, reed canary grass, Dallis grass, and other agricultural seeds of similar size and weight, or mixtures within this group;

(B) One seed or bulblet in each 10 grams of ryegrass, meadow fescue, foxtail millet, alfalfa, red clover, sweetclovers, lespedezas, smooth brome, crimson clover, Brassica spp., flax, Agropyron spp., and other agricultural seeds of similar size and weight, or mixtures within this group, or of this group with (A);

(C) One seed or bulblet in each 25 grams of proso, Sudan grass and other agricultural seeds of similar size and weight, or mixtures not specified in (A), (B), or (D);

(D) One seed or bulblet in each 100 grams of wheat, oats, rye, barley, buckwheat, sorghums (except Sudan grass), vetches, and other agricultural seeds of a size and weight similar to or greater than those within this group, or any mixtures within this group.

All determinations of noxious weed seeds are subject to tolerances and methods of determination prescribed in the rules and regulations under this chapter.

VI. Percentage by weight of agricultural seeds other than those required to be named on the label.

VII. Percentage by weight of inert matter.

VIII. For each named agricultural seed, percentage of germination, exclusive of hard seed, percentage of hard seed, if present, and the calendar month and year the test was completed to determine such percentages.

IX. Name and address of the person who labeled said seed, or who sells, offers, or exposes said seed for sale within this state.

4. **Vegetable Seeds.** For vegetable seeds, the following is required:

I. Name of kind and variety of seeds, and the calendar month and year when last tested for germination.

II. For seeds which germinate less than the standard last established by the commissioner of agriculture hereunder, and in type not smaller than ten point size: percentage of germination exclusive of hard seed; percentage of hard seed, if present; and the words, "below standard."

III. Name and address of the person who labeled said seed, or who sells, offers or exposes said seed for sale within this state.

5. **Illegal Sales.** It shall be unlawful for any person to sell, offer for sale or expose for sale any agricultural or vegetable seed within this state:

I. Unless the test to determine the percentage of germination required by sections 3 and 4 shall have been completed within a nine-month period, exclusive of the calendar month in which the test was completed, immediately prior to sale, exposure for sale, or offering for sale or transportation.

II. Not labeled in accordance with the provisions hereof, or having a false or misleading labeling.

III. Pertaining to which there has been a false or misleading advertisement.

IV. Any agricultural seeds containing any primary noxious weed seeds except as may be allowed under tolerances prescribed in the rules and regulations hereunder.

6. **Prohibitions.** It shall be unlawful for any person within this state:

I. To detach, alter, deface, or destroy any label provided for herein or the rules and regulations made and promulgated hereunder, or to alter or substitute seed, in a manner that may defeat the purposes hereof.

II. To disseminate any false or misleading advertisement concerning agricultural or vegetable seed in any manner or by any means.

III. To hinder or obstruct in any way any authorized person in the performance of his duties hereunder.

IV. To fail to comply with a "stop sale" order.

7. **Exemptions.** The provisions of sections 2 to 6, inclusive, do not apply to seed or grain not intended for sowing purposes, nor to seed in storage in, or consigned to, a seed cleaning or processing establishment for cleaning or processing, provided, that any labeling or other representation which may be made with respect to the unclean seed shall be subject to the provisions hereof.

8. **Exceptions.** No person shall be subject to the penalties hereof for having sold, offered or exposed for sale in this state any agricultural or vegetable seeds, which were incorrectly labeled or represented as to kind, variety, or origin which seeds cannot be identified by examination thereof, unless he has failed to take all proper precautions to insure the identity to be that stated in accordance with rules and regulations hereunder.

9. **Duties and Authority of Commissioner of Agriculture.** The commissioner of agriculture, who may act through his authorized agents, shall have the power:

I. To sample, inspect, make analyses of, and test, agricultural and vegetable seeds transported, sold, offered or exposed for sale within this state for sowing purposes, at such time and place and to such extent as he may deem necessary to determine whether said agricultural or vegetable seeds are in compliance with the provisions hereof, and to notify promptly the person who transported, sold, offered or exposed the seed for sale, of any violation.

II. To prescribe, and after public hearing to adopt, rules and regulations governing the methods of sampling, inspecting, analysis, tests, and examination of agricultural and vegetable seed, and the tolerances to be followed in the administration hereof, which shall be in general accord with officially prescribed practice in interstate commerce, and such other rules and regulations as may be necessary to secure the efficient enforcement hereof.

III. To enter upon any public or private premises during regular business hours in order to have access to seeds subject to this chapter and the rules and regulations promulgated hereunder.

IV. To issue written or printed "stop sale" orders which shall prohibit further sale of any lot of agricultural or vegetable seed which the commissioner has reason to believe is in violation of any of the provisions hereof until the law has been complied with or said violation otherwise legally disposed of; Provided, that no "stop sale" order shall be issued or attached to any lot of seed without first giving the owner or custodian of such seed an opportunity to comply with the law or to withdraw the seed from sale.

V. To establish and maintain or make provision for seed testing facilities, to employ qualified persons, and to incur such expenses as may be necessary to comply with these provisions.

VI. To make or provide for making purity and germination tests of seeds for farmers and dealers on request; to prescribe rules and regulations governing such testing; and to fix and collect charges for the tests made. All fees collected hereunder shall be paid over by the commissioner to the state treasurer who shall keep the same in a special fund to be used only for purposes of this chapter.

VII. To cooperate with the United States Department of Agriculture in seed law enforcement.

10. **Seizure.** Upon the recommendation of the commissioner of agriculture or his duly authorized agents, the court of competent jurisdiction in the area in which the seed is located shall cause the seizure and subsequent denaturing, processing, or destruction to prevent the use for

sowing purposes of any lot of agricultural or vegetable seed found to be unfit for sowing purposes: Provided, that in no instances shall the denaturing, processing, or destruction be ordered without first having given the claimant of said seed an opportunity to apply to said court for the release of said seed.

11. **Penalties.** Whoever violates any of the provisions of this chapter or any rule or regulation promulgated hereunder shall be fined not exceeding one hundred dollars for the first offense and not exceeding two hundred and fifty dollars for each subsequent offense. Fines collected hereunder shall be paid, by the court collecting the same, to the commissioner of agriculture and by him forwarded to the state treasurer for the use of the state.

12. **Publication.** The commissioner of agriculture shall publish, or cause to be published, the results of tests and analyses of samples of agricultural and vegetable seeds, as herein provided, together with the names and addresses of the persons from whom the samples of seed were obtained. He may publish such other information as he may deem advisable concerning the value, character and use of certain seeds.

13. **Takes Effect.** This act shall take effect upon its passage.

Approved March 10, 1943.

Sampling.

(a) In order to secure a representative sample, equal portions shall be taken from evenly distributed parts of the quantity of seed to be sampled. Access shall be had to all parts of that quantity.

(b) For free-flowing seed in bags or bulk, a probe or trier shall be used. For small free-flowing seed in bags, a probe or trier long enough to sample all portions of the bag should be used.

(c) Non-free-flowing seed, such as certain grass seed, uncleaned seed, or screenings, difficult to sample with a probe or trier, shall be sampled by thrusting the hand into the bulk and withdrawing representative portions.

(d) The portions shall be combined into a composite sample or samples.

(e) As the seed is sampled, each portion shall be examined, and, whenever there appears to be a lack of uniformity, additional samples shall be taken to show such lack of uniformity as may exist.

Bulk seeds shall be sampled by inserting a long probe or thrusting the hand unto the bulk as circumstances require in several uniformly distributed parts of the quantity being sampled.

Bags. (1) In quantities of five bags or less, each bag shall be sampled.

(2) In quantities of more than five bags, at least every fifth bag but not less than five bags shall be sampled. Samples shall be drawn from unopened bags except under circumstances where the identity of the seed has been preserved.

In sampling packet seeds, entire unopened packets shall be taken.

Size of sample. The following are minimum weights of samples of seed to be submitted for analysis, test, or examination:

(1) Two ounces of grass seed not otherwise mentioned, white or alsike clover, or seeds not larger than these.

(2) Five ounces of red or crimson clover, alfalfa, ryegrass, bromegrasses, millet, flax, rape, or seeds of similar size.

(3) Two pounds of cereals, vetches, or seeds of similar or larger size.

(4) Two quarts of screenings.

Analysis.

The New Hampshire seed laboratory will be guided in making purity and germination tests by the rules and regulations prescribed under the Federal Seed Act.

Tolerance.

Owing to the natural variation between tests, the following tolerances shall be allowed between the percentages found by analysis, test or examination and the percentages stated on the tag accompanying the seed:

For purity: Allowing "a" to represent the component being considered and "b" the difference between that percentage and 100, according to the following formula:

$$\text{Pure seed tolerance} = 0.6 + \left(0.2 \times \frac{a \times b}{100} \right)$$

a sample of timothy guaranteed 99.20 would have an allowable variation of .75 or could test as high as 99.95 or as low as 98.45 and be "satisfactory."

For germination: The following tolerances are applicable:

Healthy sprouts found by test in each 100 seeds	Tolerance
96 or over	5
90 or over but less than 96	6
80 or over but less than 90	7
70 or over but less than 80	8
60 or over but less than 70	9
Less than 60	10

Therefore, a sample of seed guaranteed 85% for germination may be as high as 92% or as low as 78% and be "satisfactory."

For weed seeds: The law requires in the labeling of agricultural seed (1) that the percentage of all weed seeds present shall be shown on the tag, (2) that no primary noxious weed seeds shall be present in the sample, and (3) that secondary noxious weed seeds shall be given by name and approximate number, per ounce in groups (A) and (B) and per pound in groups (C) and (D), when present singly or collectively in excess of—

(A) One seed or bulblet in each 5 grams of Agrostis species, Poa species, Rhodes grass, Bermuda grass, timothy, orchard grass, fescues (except meadow fescue), alsike and white clover, reed canary grass, Dallis grass, and other agricultural seeds of similar size and weight, or mixtures within this group;

(B) One seed or bulblet in each 10 grams of ryegrass, meadow fescue, foxtail millet, alfalfa, red clover, sweetclovers, lespedezas, smooth brome, crimson clover, Brassica species, flax, Agropyron species, and other agricultural seeds of similar size and weight, or mixtures within this group, or of this group with (A);

(C) One seed or bulblet in each 25 grams of proso, Sudan grass and other agricultural seeds of similar size and weight, or mixtures not specified in (A), (B), or (D);

(D) One seed or bulblet in each 100 grams of wheat, oats, rye, barley, buckwheat, sorghum (except Sudan grass), vetches, and other agricultural seeds of a size and weight similar to or greater than those within this group, or any mixtures within this group.

Certain tolerances are allowed, however, to provide for variations and unavoidable errors, but only within very narrow limits and for which there is always a standard formula for computation. Examples: (1) Timothy guaranteed only 2 per cent weed seeds will not be condemned if it has a 2.59 per cent. (2) No primary noxious weed seeds are allowed, but the presence of two such seeds in 50 grams of timothy would not be considered a violation. (3) Similarly, some slight variation from the minimum re-

quirement for labeling secondary noxious weed seeds will be passed as satisfactory.

Free Testing

The Seed Testing Laboratory will allow two free tests, in a given year, to any resident company or person of New Hampshire, but such seeds must be received in the laboratory during the months of October, November, December and January. This number of samples, not including mixtures, may be analyzed either for purity or for germination, or one sample for both purity and germination, free of charge. A given seed company will be entitled to two private tests without charge, but not two from each branch store. For numbers in excess of two, a charge will be made for labor and consumable supplies only, the amount depending on the type of sample according to the following schedule:

Germination tests of all vegetable seeds, 30 cents;

Germination tests of all agricultural crop seeds and grasses, 50 cents;

Germination tests of mixtures, 50 cents for each kind of seed present;

Purity analyses of cereals, timothy and larger crop seeds and legumes, $1.00;

Purity analyses of small grasses, $2.00; unhulled redtop, $2.50;

Purity analyses of mixtures, including those for lawn and pasture seeding, a charge sufficient to cover the actual cost of working the sample submitted for test, minimum charge of $2.50.

Such private samples of seed to be tested should be drawn in such a way as to be representative of the bulk lot from which they are taken, and should be addressed to the State Seed Testing Laboratory, Durham, New Hampshire. Such private tests cannot be declared as state official tests unless drawn by a representative of the department of agriculture, as provided in Chapter 224 of the Public Laws. Fees must be paid before reports will be sent out.

The minimum weights of samples to be submitted for analysis are:

1. Two ounces of grass seed, white or alsike clover, or seeds not larger than these.

2. Five ounces of red or crimson clover, alfalfa, rye grasses, millet, rape, or seeds of similar size.

3. One pound of cereal, vetches or seeds of similar or larger size.

The minimum number of seeds of any one kind to be submitted for a germination test is 400.

Germination Standards for Vegetable Seed.

Following are the germination standards established by the commissioner of agriculture pertaining to Section four of the act entitled Vegetable Seeds.

	Per cent
Artichoke	60
Asparagus, including hard seeds	70
Beans, garden (varieties other than Rival, Topcrop and Logan)	75
Beans, garden (varieties Rival, Topcrop and Logan)	70
Beans, horse or broad	75
Beans, lima	70
Beans, runner	75
Beets	65
Broccoli	75
Brussels sprouts	70
Cabbage	75
Chinese cabbage	75
Carrot	55
Cauliflower	75
Celery and celeriac	55
Chicory	65
Citron	65
Collards	80
Corn	75
Cress, garden	60
Cress, water	40
Cucumber	80
Dandelion	45
Eggplant	60
Endive	70
Fetticus (cornsalad)	70
Kale	75
Kohlrabi	75
Leek	60
Lettuce	80
Muskmelon	75
Mustard	75
Okra	50
Onion	70
Parsley	60
Parsnip	60
Peas	80
Pepper	55
Pumpkin	75
Radish	75
Rhubarb	60
Rutabaga	75
Salsify	75
Sorrel	60
Soybean	75
Spinach (except New Zealand)	60
Spinach (New Zealand)	40
Squash	75
Swiss Chard	65
Tomato	75
Tomato, husk	50
Turnip	80
Watermelon	70

Labeling.

The following labels are suggested as meeting the minimum requirements of the New Hampshire seed law.

Example for unmixed agricultural seed:

John F. Doe Company
Greene, N. H.

Mammoth Clover

Pure seed	98.65
Crop seed	.86
Weeds	.38
Inert Matter	.11

Origin Idaho

1 dodder per oz.

Lot No. 243

Germination	80%
Hard seeds	7

Date of test Jan. 1951

Example for mixed agricultural seed:

Grass seed, mixed — Lot No. 0236

John F. Doe Company
Greene, N. H.

Purity:		Germination:	
Perennial rye grass	32.23%	92.5%	Jan. 1951
Chewing fescue	18.08	85.0%	Dec. 1950
Kentucky bluegrass	14.75	80.0%	Jan. 1951
Canada bluegrass	15.37	58.5%	Jan. 1951
Creeping bent	14.20	84.0%	Jan. 1951
Crop seed	.61		
Weed seed	2.07		
Inert matter	2.69		

5 Crabgrass per oz.

Example for vegetable seed:

(Up to standard) "New York Lettuce
John Smith, Dale, Ill.
Date of germination test: Feb. 7, 1951."

(For vegetable seed which germinates less than standard) "New York Lettuce
John Smith, Dale, Ill.
Date of germination test: Feb. 7, 1951."
Germination 75%
BELOW STANDARD

The law states that "each separate container of agricultural or vegetable seed, including seeds in small packets, shall be labeled"; but if a dealer has bulk lots of seeds exposed for sale and these bulk lots are properly labeled, he shall not be required to copy the information from the label on to each individual bag in which he delivers small lots of this bulk seed over the counter to customers.

New Hampshire Experiment Station

AGRICULTURAL SEED INSPECTION, 1951

Name and Address of Wholesaler Name and Address of Dealer or Place Collected Kind of Seed	Sample No.	Date Tested*		Pure Seed	Other Crop Seed	Weed Seed	Inert Matter	Germination	Remarks
				(Note)	(Note)	(Note)	(Note)	(Note)	
CLEVELAND GRAIN CO., INC., Cleveland, O.									
Central Feed & Grain Co., Somersworth									
Oats, White No. 1, Elwood	2818	S	L	98.80	.85	.05	.30	95	
			F	S	S	S	S	S	
ARTHUR R. CONE, INC., Buffalo, N. Y.									
General Mills, Inc., Exeter									
Alfalfa, Canadian Grimm, 28-521	2801	S	L	99.38	.06	.16	.40	80	
			F	S	S	S	S	S	
Japanese Millet, 90 x 244	2800	S	L	99.18	.00	.07	.75	88	
			F	S	S	1.01	S	S	Weed seeds excessive.
General Mills, Inc., Nashua									
Rye, Winter, 56 x 184	2305	S	L	98.23	.72	.05	1.00	88	
			F	S	S	S	S	76	Germination below guarantee.
Moulton & Goodwin, Portsmouth									
Alsike clover, 25 x 525	2503	S	L	98.00	1.20	.56	.24	80	
			F	S	S	S	S	S	
Buckwheat, 58 x 153	2318	S	L	99.60	.14	.09	.17	90	
			F	S	S	S	S	S	
Rye, Winter, 56 x 170	2319	S	L	98.00	.58	.18	1.24	75	
			F	S	S	S	S	S	
F. B. Spaulding Co., Lancaster									
Alsike Clover, 25 x 572	2872	S		98.70	.56	.20	.54	77	
				S	S	S	S	S	
Barley, Wisconsin 38, 52 x 221	2873	S		99.50	.10	.05	.35	97	Purity below guarantee.
				98.52	1.18	S	S	S	Other crop seeds excessive.
Ladino clover	2871	S		99.00	.68	.03	.29	82	
				S	S	S	S	S	
Mixture, Timothy and Alsike	2876	S			.60	.12	.50		
					S	S	S		
Timothy				78.28				91	
				S				S	
Alsike				20.50				69	
				S				S	
Red clover, Medium, 15-878	2875	S		99.52	.22	.12	.16	82	
				S	S	S	S	S	
Reed canary grass, 44 x 47	2874	S		98.95	.10	.25	.70	70	
				S	S	S	S	S	

* As stated on accompanying tag. "S" in this column indicates that date of test was in compliance with law. Figures or "None" indicate violation. Note: L=Label; F=Found. "S" in the Found line indicates that the sample was satisfactory in relation to the guarantee. Figures indicate violation. A=above guarantee.

Name and Address of Wholesaler Name and Address of Dealer or Place Collected Kind of Seed	Sample No.	Date Tested*	Pure Seed	Other Crop Seed	Weed Seed	Inert Matter	Germination	Remarks
Sunshine Feed Store, Manchester			(Note)	(Note)	(Note)	(Note)	(Note)	
Alfalfa, Utah Premium, 28-534	2940	S	99.26	.04	.20	.50	70	
			S	S	S	S	53	Germination below guarantee.
Corn, Flint, 83-262	2938	S					90	
							72	Germination below guarantee.
Golden Millet	2937	S	98.00	1.00	.00	1.00	85	
			S	S	S	S	S	
Rye, Winter, 56 x 193	2313	S	98.50	.45	.05	1.00	88	
			S	S	S	S	S	
Timothy, 10-985	2939	S	99.70	.09	.03	.18	90	
			S	S	S	S	S	
CRAVER-DICKINSON SEED CO., Buffalo, N. Y. **Holbrook Grocery Co., Keene**								
Wheat, Yorkwin, 75-32	2322	S	98.85	.00	.03	.12	90	
			S	S	S	S	S	
Merrimack Farmers' Exch., Inc., Nashua								
Alfalfa, Grimm, 27 x 48	2307	S	99.50	.20	.08	.22	94	
			S	S	S	S	81.5	Germination below guarantee.
H. B. DAVIS, Albany, N. Y. **Holbrook Grocery Co, Keene**								
Rye, Cover Crop, LH 50	2323	S	98.72	.68	.01	.59	85	
			S	S	S	S	S	56 Quackgrass per pound found.
THE ALBERT DICKINSON CO., Chicago, Ill. **Merrimack Farmers' Exch., Inc., Concord**								
Alfalfa, Ranger, 028488	2636	S	99.78	.02	.06	.14	92	Hard seeds should be stated separately.
			S	S	S	S	77	Germination below guarantee.
Barley, Moore, 671850	2630	S	99.89	.01	.01	.09	95	
			S	S	S	S	S	
Bentgrass, Highland, 0349	2644	S	99.30	.10	.20	.40	90	
			S	S	S	S	S	
Birdsfoot trefoil, Broadleaf, 024398	2637	S	99.48	.48	.02	.02	82	Hard seeds should be stated separately.
			S	S	S	S	56	Germination below guarantee.
Bluegrass, Kentucky, 32089-90	2642	S	85.90	.10	.50	13.50	80	
			S	S	S	S	S	234 Quackgrass per pound found.
Buckwheat, Japanese, 862	2629	S	99.16	.26	.22	.36	93	
			S	S	S	S	S	
Chewings fescue, 34498	2643	S	98.25	.40	.20	1.15	95	
			S	S	S	S	S	
Illahee Fescue, 0342	2641	S	98.70	.05	.10	1.15	94	
			S	S	S	S	S	
Field Peas, Canadian 085635	2632	S	99.60	.04	.01	.35	92	
			S	S	S	S	S	
Quackgrass	2640	None	....	..	..	..	..	Illegal to offer for sale since quackgrass is a primary noxious weed in N. H.

Reed canary grass, 8727	2635	S	98.00	.15	.05	1.80	70	
			S	S	S	S	S	
Rye, Spring, 07416	2633	S	99.53	.26	.07	.14	91	
			S	S	S	S	S	
Soybeans, Kingwa, 084516	2628	S	99.13	.37	.01	.49	87	
			S	S	S	S	S	
Sudan Grass, 989	2638	S	99.36	.02	.08	.54	81	
			S	S	S	S	71.5	Germination below guarantee.
Vetch, Hairy, 996	2631	S	99.04	.08	.01	.87	93	Hard seeds should be stated separately.
			S	S	S	S	81	Germination below guarantee.
Wheat, Spring, Henry, 751	2634	S	99.91	.04	.01	.04	91	
			S	S	S	S	S	
White Dutch Clover, 26758	2639	S	98.60	.65	.15	.60	95	
			S	S	S	S	S	
EASTERN STATES FARMERS' EXCHANGE, West Springfield, Mass.								
Eastern States Farmers' Exch., Concord								
Alfalfa, Ranger, 17-A	2743	S	99.50	.05	.05	.40	85	
			S	S	S	S	S	
Corn, Cornell Hybrid, 293	2746	S	99.50	.00	.00	.50	90	
			S	S	S	S	S	
Corn, Mass. Hybrid, 62	2747	S	99.50	.00	.00	.50	90	
			S	S	S	S	S	
German Millet, 111	2744	S	97.30	1.70	.18	.82	83	
			S	S	S	S	S	45 Crabgrass per pound found.
Mixture, Hay and Pasture No. 2, 1906	2742	S		.38	.14	.70		
				S	S	S		
Red Clover, Medium			40.00				77	
			S				S	
Alsike Clover			25.00				72	
			S				S	
Redtop, Fancy Solid			8.00				86	
			S				S	
Timothy			27.00				88	
			S				S	
Soybeans, 925	2745	S	99.95	.00	.00	.05	87	
			S	S	S	S	S	
Bluegrass, Kentucky, 90	2728	S	84.30	.05	.35	15.35	78	
			S	S	S	S	S	
Brome Grass, Smooth, 1880	2727	S	92.00	.07	.08	7.85	85	
			87.21	S	S	S	S	Purity below guarantee.
Japanese Millet, 62	2729	S	99.00	.05	.65	.30	80	
			S	S	S	S	S	
Orchard Grass, 12	2726	S	92.50	.10	.80	6.60	90	
			S	S	S	S	S	
Sudan Grass, 1896	2730	S	98.35	.15	.15	1.35	80	
			S	S	S	S	S	
Timothy, 956	2306	S	99.50	.15	.15	.20	90	
			S	S	S	S	S	

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Name and Address of Wholesaler Name and Address of Dealer or Place Collected Kind of Seed	Sample No.	Date Tested*		Pure Seed	Other Crop Seed	Weed Seed	Inert Matter	Germination	Remarks
				(Note)	(Note)	(Note)	(Note)	(Note)	
Eastern States Farmers' Exch., Manchester									
Alfalfa, Variegated, 1904	2788	S		99.50	.14	.16	.20	78	
				S	S	S	S	S	
Alsike Clover, 1905	2790	S		99.20	.33	.22	.25	62	
				S	S	S	S	S	
Birdsfoot Trefoil, 1938	2791	S		98.50	1.00	.25	.25	68	
				S	S	S	S	S	
Ladino Clover, 94	2792	S		99.50	.10	.10	.30	80	
				S	S	S	S	S	
Mixture, Forage, Rye-Hairy Vetch, 1842	2315	S		98.45	1.29	.03	.23	79	
					S	S	S		
Rye			L	....				..	% of each component and % germination of each component should be stated separately.
			F	69.64				89.5	
Hairy Vetch			L	....				..	
			F	29.10				78.5	
Mixture, Forage, Wheat-Hairy Vetch, 1836	2316	S		99.20	.35	.15	.30	82	
					S	S	S		
Wheat			L	...				..	% of each component and % germination of each component should be stated separately.
			F	72.85				91.5	
Hairy Vetch			L	....				..	
			F	26.66				80.5	
Mixture, Hay-Pasture No. 1, 1884	2797	S			.25	.11	.28		
					S	S	S		
Red Clover, Medium				40.00				77	
				S				S	
Alsike Clover				20.00				73	
				S				S	
Timothy				40.00				88	
				S				S	
Rape, Dwarf Essex, 1893	2793	S		99.50	.15	.10	.25	88	
				S	S	S	S	S	
Red Clover, Medium, 1941	2789	S		99.40	.20	.10	.30	75	
				S	S	S	S	S	
Redtop, Fancy Solid, 39	2794	S		97.50	.10	.20	2.20	90	
				S	S	S	S	S	
Rye, Winter, Forage, 1845	2314	S		98.00	1.50	.05	.45	85	
				S	S	S	S	S	
Rye grass, Domestic, 97	2795	S		99.30	.05	.25	.40	90	
				S	S	S	S	S	
Timothy, 1859	2796	S		99.50	.10	.10	.30	90	
				S	S	S	S	S	
N. H. State Hospital Farm, Concord									
Red Clover, Medium, 1868	2798	S		99.30	.30	.10	.30	75	
				S	S	S	S	S	

HOLBROOK GROCERY CO., Keene								
Holbrook Grocery Co., Keene								
Alfalfa, Grimm, 27-123	2806	S	99.76	.20	.02	.02	77	
			S	S	S	S	S	
Barley, Moore, 071850	2812	S	99.89	.01	.01	.09	95	
			S	S	S	S	S	
Golden Millet, 082287	2811	S	99.02	.38	.14	.46	85	
			S	S	S	S	S	
Japanese Millet, 081132	2808	S	98.26	.02	1.56	.16	85	
			S	S	S	S	72	Germination below guarantee.
Ladino Clover, 02616	2807	S	99.35	.10	.10	.45	72	
			S	S	S	S	S	
Oats, Clinton, 073166	2809	S	99.68	.03	.01	.28	95	
			S	S	S	S	S	
Red Clover, Medium, 24980-1	2813	S	99.58	.14	.10	.18	87	
			S	S	S	S	S	
Timothy, 663919-20	2810	S	99.75	.10	.05	.10	90	
			S	S	S	S	S	
Keene Grain Co., Keene								
Rye, Winter, I	2317	S	97.00	1.00	.50	1.50	75	
			S	1.74	S	S	S	Other crop seeds excessive.
R. N. JOHNSON, Walpole								
R. N. Johnson, Walpole								
Rye, Rosen	2325	None	....	..	..	..	..	Not correctly labelled; no statement for purity or germination.
			98.69	.07	.09	1.15	79	72 quackgrass per pound found.
MERRIMACK FARMERS' EXCHANGE, INC., Concord								
Merrimack Farmers' Exch., Inc., Exeter								
Alsike Clover, 21412	2844	S	99.15	.10	.60	.15	74	
			S	S	S	S	S	
Barley, Wong, 71-45	2847	S	98.48	1.27	.15	.10	96	
			S	S	S	S	S	
Brome Grass, 3923	2848	S	91.88	.06	.02	8.08	88	
			S	S	S	S	S	
Ladino Clover, Certified, N-1365	2846	S	99.70	.05	.15	.10	73	
			S	S	S	S	S	
Redtop, 41506	2843	S	96.20	.20	.20	3.40	86	
			S	S	S	S	S	
Timothy, 66213	2849	S	99.75	.05	.05	.15	89	
			S	S	S	S	S	
Merrimack Farmers' Exch., Inc., Franklin								
Alfalfa, Grimm, 27-48	2749	S	99.78	.02	.12	.08	80	
			S	S	S	S	S	
Bluegrass, Kentucky, B 2-66	2748	S	86.47	.00	.50	13.03	57	
			S	S	S	S	S	
Mangels, Long Red, 1-1D	2755	S	....	..	..	..	..	
			....	..	..	..	91	
Ryegrass, Domestic, 38-37	2751	S	99.72	.20	.02	.14	94	
			S	S	S	S	S	
Wheat, Thorny Red Winter, 75-31	2750	S	98.50	.10	.05	1.35	97	
			S	S	S	S	S	

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			(Note)	(Note)	(Note)	(Note)	(Note)	
Merrimack Farmers' Exch., Inc., Goffstown								
Alfalfa, Grimm, 2743	2353	S	99.26	.60	.08	.06	91	Hard seeds should be stated separately.
			S	S	S	S	74	Germination below guarantee.
Alsike Clover, 21380	2350	S	99.25	.10	.30	.35	97	Hard seeds should be stated separately.
			S	S	S	S	89	Germination below guarantee.
Brome Grass, 9787	2347	S	88.00	.26	.18	11.56	96	
			S	1.51	S	S	S	Other crop seeds excessive.
Field Peas, Canada, 85-6	2351	S	98.00	.50	..	1.50	69	
			S	S	S	S	S	
Red Clover, Medium, 24842	2349	S	99.66	.06	.26	.02	97	
			S	S	S	S	S	
Redtop, 41478	2348	S	92.90	1.00	.00	6.30	85	
			S	S	S	S	S	
Soybeans, Black Wilson, 41-40	2346	S	99.00	.00	.00	1.00	64	
			S	S	S	S	S	
Sudan Grass, 989	2352	S	98.52	.75	.06	.67	83	
			S	S	S	S	S	
Merrimack Farmers' Exch., Inc., Henniker								
Rye, Rosen	2311	S	94.00	..	..	..	81	No lot number given; no statement relative to other crop seeds, weed seeds and inert matter.
			S	.15	.01	.42	S	
Merrimack Farmers' Exch., Inc., Manchester								
Rye, Rosen	2320	S	94.00	..	..	..	81	No lot number given; no statement relative to other crop seeds, weed seeds and inert matter.
			S	.30	.01	.65	S	
Merrimack Farmers' Exch., Inc., Milford								
Alfalfa, Grimm, 27-41	2681	S	99.15	.28	.26	.31	84	Hard seeds should be stated separately.
			S	S	S	S	65	Germination below guarantee.
Alsike Clover, 21361	2679	S	99.00	.10	.80	.10	80	
			S	1.20	S	S	S	Other crop seeds excessive.
Ladino Clover, N-1365	2678	S	99.70	.05	.15	.10	73	
			S	S	S	S	S	
Rye, Spring, 2775	2677	S	98.00	.18	.58	1.24	51	
			S	S	S	S	S	
Timothy, 66213	2680	S	99.75	.05	.05	.15	89	
			S	S	S	S	S	
Merrimack Farmers' Exch., Inc., Nashua								
Alfalfa, Grimm, 27-48	2757	S	99.50	.20	.08	.22	80	
			S	S	S	S	S	
Ladino Clover, 26742	2759	S	94.40	5.50	.05	.05	88	
			S	S	S	S	S	
Mixture, Hayland, Lot 102	2760	S		.20	.30	1.00	..	
				S	S	S		

Timothy				50.00			80	
				S			S	
Red Clover				37.50			85	
				S			S	
Alsike Clover				12.50			87	
				S			S	
Mixture, Lawn Seed	2761	S			.30	.40	4.70	No lot number given.
					S	S	S	
Timothy				9.00			95	
				S			S	
Redtop				10.00			90	
				S			S	
Kentucky bluegrass				38.6			80	
				S			S	
White Dutch Clover				8.00			70	
				S			S	
Red Fescue				19.00			90	
				S			S	
Common Ryegrass				10.00			95	
				S			S	
Redtop, 41506	2756	S		96.20	.20	.20	3.40	86
				S	S	S	S	S
Timothy	2758	S		99.75	.05	.05	.15	89
				S	S	S	S	73 Germination below guarantee.
Merrimack Farmers' Exch., Inc., Peterborough								
Ladino Clover, 26956	2767	S		99.80	.05	.05	.10	96
				S	S	S	S	85.5 Germination below guarantee.
Redtop, 41-41	2768	S		92.00	.00	.75	7.25	89
				S	S	S	S	S
Merrimack Farmers' Exch., Inc., Pittsfield								
Corn, Yellow Sweepstakes, 5387	2911	S		99.00	.00	.00	1.00	35
				S	S	S	S	76 Germination below guarantee.
Corn, Ohio K-24, 4177	2912	S		99.50	.00	.00	.50	94
				S	S	S	S	S
Corn, 29-3 Hybrid, 6167	2913	S		99.50	.00	.00	.50	98
				S	S	S	S	S
Corn, Wis. 240, 2701	2914	S		99.98	.00	.00	.02	97
				S	S	S	S	S
N. H. Dept. of Public Works, Sign Div., Concord			L	..	..	..	..	..
State Highway Mixture	2345	None	F		.06	.29	2.21	.. No guarantee for purity or germination; no lot number; no date of test.
Timothy			L	..	..	..	..	..
			F	41.55	..	..	..	82
Redtop			L	..	..	..	..	..
			F	37.01	..	..	..	86.5
White Clover			L	..	..	..	..	..
			F	10.11	..	..	..	75
Alsike Clover			L	..	..	..	..	..
			F	8.77	..	..	..	76.5

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			(Note)	(Note)	(Note)	(Note)	(Note)	
N. H. State Hospital Farm, Concord								
Alsike Clover, NB 367	2799	S	98.50	1.15	.25	.10	89	
			S	S	S	S	S	
N. H. State Industrial School, Manchester								
Corn, West Branch Sweepstakes, 5148	2826	S	99.00	.00	.00	1.00	94	
			S	S	S	S	S	
Mangels, Danish Sludstrup	2828	S		..	..	..	..	
				..	..	..	87	
Seed Oats, Ajax Variety	2825	S	99.90	.00	.10	.00	98	No lot number given.
			S	S	S	S	S	
MOULTON & GOODWIN, Portsmouth								
Moulton & Goodwin, Portsmouth								
Red Clover, Ontario Med., 15-840	2502	S	99.16	.62	.04	.18	85	
			S	S	S	S	S	
Redtop, Fancy, 3738	2501	S	92.48	.97	.85	5.73	90	
			S	S	S	S	S	
Timothy, 10-972	2500	S	99.70	.12	.10	.08	84	
			S	S	S	S	S	
White Dutch Clover, 26-397	2504	S	98.90	.10	.60	.40	89	
			S	S	S	S	56	Germination below guarantee.
PARK & POLLARD, Buffalo, N. Y.								
Farmers' Feed & Supply Co., Colebrook								
Seed Oats, Overall Swedish Select, 42-44	2910	S	98.00	1.60	.20	.20	85	
			S	S	S	S	S	
SEABOARD SEED COMPANY, Philadelphia, Pa.								
Exeter Feed & Supply Co., Inc., Exeter								
Alsike Clover, A-348	2945	S	98.00	.60	.50	.90	80	Excessive other crop and weed seeds.
			S	1.40	1.05	S	S	
Red Clover, C-406	2944	S	99.25	.35	.25	.15	80	
			S	S	S	S	S	
Redtop, R-243	2941	S	92.50	2.25	.50	4.75	90	
			S	S	S	S	S	
Sweet Sudan Grass, SU-91	2942	S	98.60	.05	.25	1.10	85	
			S	S	S	S	S	
Timothy, T-610	2943	S	99.60	.05	.08	.27	90	
			S	S	S	S	80	Germination below guarantee.
STANFORD SEED CO., Binghamton, N. Y.								
Colebrook Feed Co., Colebrook								
Alsike Clover	2902	S	97.00	2.42	.45	.13	80	
			S	S	S	S	S	
Barley, Blue Tag Moore, 6-row	2907	S	99.63	.01	.00	.36	96	
			S	S	S	S	S	
Oats, Clinton, Affadavit	2906	S	99.85	.00	trace	.15	93	
			S	S	S	S	S	

Red Clover, Med., 5748	2903	S	99.47	.32	.16	.05	89	
			S	S	S	S	S	
Redtop, 3759	2905	S	93.36	.18	.04	6.42	90	
			S	S	S	S	S	
Soybeans, Seneca	2909	S	99.50	.00	.00	.50	93	
			S	S	S	S	S	
Sudan Grass, 3802	2908	S	98.80	.07	.04	1.00	85	
			S	S	S	S	S	
Timothy, 5762	2904	S	99.63	.09	.11	.11	90	
			S	S	S	S	S	
R. N. Johnson, Walpole								
Rye, Balbo, 1000	2324	S	97.00	.62	.05	2.33	85	
			S	S	S	S	S	
W. N. Potter Grain Stores, Inc., Winchester								
Alsike Clover, 5766	2626	S	97.00	2.42	.45	.13	80	
			S	S	S	S	S	
Hungarian Millet, 5797	2623	S	97.90	.00	1.50	.60	80	
			S	S	S	S	S	
Japanese Millet, 5777	2624	S	98.39	.00	1.28	.33	80	
			S	S	S	S	S	
Red Clover, Med., 5785	2625	S	99.16	.57	.12	.20	80	
			S	S	S	S	S	
Timothy, 3280	2627	S	99.60	.10	.10	.20	90	
			S	S	S	S	S	
Wirthmore Grain Co., Nashua								
Alfalfa, Grimm, 3612	2838	S	99.38	.26	.16	.20	80	
			S	S	S	S	S	
Brome Grass, 3513	2841	S	92.72	.28	.24	6.96	91	108 Quackgrass per pound found.
			S	S	S	S	S	
Japanese Millet, 1054	2837	S	98.69	.00	.99	.32	82	
			S	S	S	S	S	
Ladino Clover, 3270	2836	S	99.00	.55	.30	.15	70	
			S	S	S	.63	A	Inert Matter excessive.
Red Clover, Med., 5785	2839	S	99.16	.52	.12	.20	80	
			S	S	S	S	S	
Rye, Winter, Balbo, 5502	2312	S	97.50	1.00	.10	1.40	90	20 Quackgrass per pound found.
			S	S	S	S	60	Germination below guarantee.
WHITNEY SEED CO., Buffalo, N. Y.								
Checkerboard Feed Store, Manchester								
Alfalfa, Northern Grimm, 2183	2947	S	99.66	.14	.08	.12	74	
			S	S	S	S	S	
Alfalfa, Certified Ranger, 947R	2948	S	99.78	.08	.02	.12	60	
			S	S	S	S	S	
Alsike Clover, 1549	2956	S	98.85	.45	.35	.35	78	
			S	S	S	S	S	
Bentgrass, Highland, 3595	2966	None	....	..	..	..	..	Not labeled correctly. No statement for purity or germination; no date of test.
			99.45	.00	.00	.55	55	

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			(Note)	(Note)	(Note)	(Note)	(Note)	
Bluegrass, Kentucky, 3611	2963	S	85.30 S	.20 S	.30 S	14.20 S	80 S	
Brome Grass, Lincoln, 3898	2953	S	90.06 S	.04 S	.12 S	9.78 S	80 S	
Buckwheat, 8172	2961	S	99.16 S	.26 S	.22 S	.36 S	90 S	
Corn, Medium Moo Mix, 71268	2949	S	99.50 S	.00 S	.00 S	.50 S	90 S	
Corn, Cornell, 29-3	2950	S	99.50 S	.00 S	.00 S	.50 S	90 S	
Corn, Yellow Sweepstakes, 70637	2951	S	99.50 S	.00 S	.00 S	.50 S	80 S	
Ladino Clover, 36L85	2964	S	99.49 S	.09 S	.10 S	.32 S	62 S	
Oats, Certified Clinton, 82732	2957	S	99.81 S	.02 S	.01 S	.16 S	90 S	
Orchard Grass, 3179	2954	S	89.64 S	.05 S	.10 S	10.21 S	80 S	
Red Clover, 50633	2955	S	99.27 S	.48 S	.06 S	.19 S	85 S	
Redtop, 40516	2958	S	94.00 S	1.20 2.52	.20 S	4.60 S	84 S	Other crop seeds excessive.
Rye, Rosen, 83376	2321	S	99.00 S	.35 S	.31 S	.34 S	85 S	
Rye, Rosen, 83376	2952	S	99.00 S	.35 S	.31 S	.34 S	85 S	
Ryegrass, Domestic, 44578	2962	S	99.50 98.27	.02 S	.16 1.14	.32 S	90 S	Purity below guarantee. Weed seeds excessive.
Sudan Grass, 3038	2959	S	98.26 S	.61 S	.06 S	1.07 S	80 S	
Timothy, 12600	2960	S	99.64 S	.09 S	.12 S	.15 S	90 S	
White Clover, 56381	2965	S	99.25 S	.55 S	.05 S	.15 S	77 S	
Farmers' Feed & Supply Co., Claremont								
Alsike Clover, 1548	2647	S	98.30 S	1.15 S	.20 S	.35 S	74 S	
Mixture, Timothy and Alsike, 1369	2648	S	.... ..	.. .90	.. .47	.. .43	.. ..	
Timothy			78.76 S				85 S	
Alsike			20.39 S				75 S	
Red Clover, Med., 50626	2646	S	99.44 S	.14 S	.18 S	.24 S	85 S	
Rye, Balbo	2309	S	99.50 98.28	.20 S	.05 S	.25 1.68	85 S	Purity below guarantee. Inert Matter excessive.

Timothy, 1253	2645	S	99.65	.20	.10	.05	89	
			S	S	S	S	S	
Farmers' Feed & Supply Co., Lancaster								
Alfalfa, Grimm	2860	S	99.52	.34	.12	.02	84	
			S	S	S	S	S	
Alsike Clover, 1547	2863	S	99.15	.55	.10	.20	65	
			S	S	S	S	S	
Hungarian Millet, 48535	2862	S	98.87	.60	.36	.17	80	
			S	S	S	S	S	
Red Clover, Med., 50626	2861	S	99.44	.14	.18	.24	85	
			S	S	S	S	S	
Farmers' Feed & Supply Co., Newport								
Rye, Rosen	2310	S	97.40	2.29	.00	.31	85	
			S	3.55	S	S	S	Other crop seeds excessive.
F. H. WOODRUFF & SONS, INC., Milford, Conn.								
Palmer Hardware, Farmington								
Golden Millet, 225-14	2816	S	99.60	.00	.12	.28	74	
			S	S	S	S	S	
Red Clover	2815	S	....	..	..	..	82	No guarantee for purity; no
			99.13	.65	.12	.10	S	variety or lot number.
Timothy	2817	S	....	..	..	..	83	No guarantee for purity; no
			98.50	.97	.12	.41	S	variety or lot number.
White Clover	2814	S	99.49	.22	.08	.21	82	
			S	S	S	S	S	No lot number given.

It is presumed that the following samples of seed were carried over by the dealer from the previous season; hence, the name of the wholesaler is omitted.

Merrimack Farmers' Exch., Inc., Exeter								
Red Clover, Med., 24945	2845	1/1950	99.58	.16	.12	.14	87	Not tested within 9 months.
			S	S	S	S	S	
Merrimack Farmers' Exch., Inc., Nashua								
Timothy, 66183	2308	9/1949	99.70	.10	.05	.15	93	Not tested within 9 months.
			S	S	S	S	S	
Merrimack Farmers' Exch., Inc., Peterborough								
Bluegrass, Kentucky, 32334	2769	1/1950	85.10	.10	.40	14.40	83	Not tested within 9 months.
			S	S	S	S	S	
Red Clover, Med., 24945	2766	1/1950	99.58	.16	.12	.14	87	Not tested within 9 months.
			S	S	S	S	S	
Wirthmore Grain Co., Nashua								
Alsike Clover, 2081	2840	1/1950	98.36	1.00	.39	.31	73	Not tested within 9 months.
			S	S	S	S	S	
Red Clover, Med., 4451	2842	12/1949	99.25	.45	.25	.10	76	Not tested within 9 months.
			S	S	S	S	S	
Timothy, 2405	2835	2/1950	99.60	.07	.08	.25	90	Not tested within 9 months.
				S	S	S	S	

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New Hampshire Experiment Station
VEGETABLE SEED INSPECTION, 1951

Name and Address of Wholesaler Name and Address of Dealer or Place Collected Kind of Seed	Sample No.	Date Tested*	Germination Found	Guaranteed**	N. H. Standard
			(Note)		
ALLEN, STERLING & LOTHROP, Portland, Me.					
Central Feed & Grain, Somersworth					
Beans, Pencil Pod Black Wax	2819	S	S	86	75
Carroll County Hardware, North Conway					
Beans, Pencil Pod Black Wax	2888	S	S	90	75
Beans, Improved Golden Wax	2889	S	73	80	75
Corn, Golden Bantam	2886	S	S	90	75
Peas, Imp. Tall Telephone	2885	S	S	90	80
Peas, World's Record	2887	S	S	90	80
W. E. AUBUCHON CO., INC., Nashua					
W. E. Aubuchon Co., Inc., Nashua					
Beans, Top Notch Golden Wax	2546	S	S	..	75
Beans, Black Wax	2549	S	S	..	75
Corn, Golden Bantam	2545	S	S	..	75
Peas, American Wonder	2547	S	S	..	80
Peas, Tall Telephone	2548	S	S	—	80
AYERS & JENKINS CO., HDW., Rochester					
Ayers & Jenkins Co., Hdw., Rochester					
Corn, Golden Sunshine	2552	S	S	90	75
Corn, Golden Bantam	2554	S	S	90	75
Cucumber, Long Green	2556	S	S	90	80
Peas, Sutton's Excelsior	2550	S	75	83	89
Peas, Dwarf Telephone	2551	S	S	90	80
Squash, Giant Summer Crookneck	2557	S	S	90	75
BRECK'S, Boston, Mass.					
Douglass Hardware, Concord					
Carrot, Chantenay, 5556	2399	S	S	55	55
Cucumber, Straight Eight, 5872	2396	S	S	80	80
Endive, Green Curled, 5938	2400	S	S	70	70
Lettuce, Iceberg, New York	2397	S	S	80	80
Radish, Crimson Giant	2398	S	S	80	75
Rutabaga, American Purple Top, 7415	2395	S	S	80	75
Neal Hardware, Derry					
Beet, Crosby's Egyptian	2409	S	S	70	65
Cucumber, Improved Long Green	2411	S	S	80	80
Lettuce, Big Boston, 6083	2410	S	S	80	80
Radish, Sparkler, 6775	2412	S	S	80	75
Peterborough Hardware, Peterboro					
Broccoli, Italian Green Sprouting	2770	S	S	80	75
Cauliflower, Early Dwarf Erfurt	2772	S	S	75	75
Celery, Giant Pascal	2771	S	S	60	55
Pepper, Early Calwonder	2773	S	S	65	55
Wendell's Hardware, Portsmouth					
Lima Beans, Bush or Dwarf	2453	S	S	70	70
Onion, Red Wethersfield, 6359	2451	S	S	75	70
Pepper, Early Calwonder, 6425	2449	S	S	65	55
Pepper, Large Bell	2450	S	S	65	55
Squash, Blue Hubbard, 7004	2455	S	S	80	75
Squash, Butternut, 6954	2456	S	S	80	75
Swiss Chard, Lucullus, 6875	2454	S	S	65	65
Tomato, Certified Marglobe, 7186	2452	S	S	80	75
W. ATLEE BURPEE, Philadelphia, Pa.					
Glazier & Fox, Inc., Portsmouth					
Carrot, Tendersweet	2492	S	S	65	55
Celery, Giant Pascal	2491	S	S	65	55
Endive, Green Curled	2490	S	S	80	70
Lettuce, Black Seeded Simpson	2489	S	S	85	80
Lettuce, Big Boston	2493	S	S	80	80
Onion, Southport Yellow Globe	2488	S	S	80	70
Turnip, Extra Early Purple Top Milan	2494	S	S	..	80

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Lampron's Hardware, Manchester					
Corn, Stowell's Evergreen	2987	12/1944	S	..	75
CROSSMAN SEED CORP., East Rochester, N. Y.					
Montgomery Ward Co., Claremont					
Beans, Stringless Black Valentine	2615	S	S	80	75
Beans, Kentucky Wonder	2616	S	S	80	75
Brussels Sprouts, Long Island Improved	2617	S	S	75	70
Cauliflower, Early Snowball	2619	S	S	75	75
Corn, Golden Sunshine	2613	S	S	80	75
Corn, Stowell's Evergreen	2614	S	S	80	75
Egg Plant, Black Beauty	2622	S	S	65	60
Lettuce, Black Seeded Simpson	2618	S	S	80	80
Lima Beans, Burpee's Bush	2612	S	S	80	70
Onion, Yellow Sweet Spanish	2620	S	S	70	70
Radish, White Icicle	2621	S	S	80	75
Watermelon, Stone Mountain	2611	S	S	75	70
EASTERN STATES FARMERS' EXCHANGE, West Springfield, Mass.					
Eastern States Farmers' Exch., Concord					
Onion, Silverskin White Portugal	2738	S	S	80	70
Onion, Utah Valencia, D710, 623	2741	S	S	70	70
Rutabaga, Albergur, A1016, 996	2740	S	S	75	75
Turnip, Purple Top White Milan, A2410, 972	2739	S	S	85	80
Eastern States Farmers' Exch., Dover					
Cabbage, Short Stem Ballhead, E3416, 266	2735	S	S	75	75
Carrot, Danvers 126, TE4511, 333	2736	S	S	80	55
Lettuce, Oak Leaf	2733	S	S	..	80
Lettuce, Great Lakes, G811, 517	2737	S	S	90	80
Muskmelon, Pride of Wisconsin, F6818, 568	2732	S	S	75	75
Spinach, Longstanding Bloomsdale, B419, 884	2734	S	S	70	60
Squash, Buttercup, P8421, 793	2731	S	S	75	75
Eastern States Farmers' Exch., Manchester					
Pepper, Golden Wonder	2472	S	S	75	55
Pepper, California Wonder	2473	S	S	70	55
Pepper, Hungarian Wax	2474	S	S	65	55
Tomato, Pennheart	2467	S	S	75	75
Tomato, Marglobe	2468	S	S	80	75
Tomato, Pritchard	2469	S	S	80	75
Tomato, Valiant	2470	S	S	90	75
Tomato, Rutgers	2471	S	S	80	75
Laconia State School, Laconia					
Beans, Contender, X3181	2833	S	S	90	75
Carrots, E-451	2831	S	S	80	55
Corn, Golden Jewel Yellow Hybrid	2830	S	S	75	75
Peas, World's Record, Wrinkled, A2210	2832	S	S	80	80
Squash, Blue Hubbard, F1438	2834	S	S	85	75
N. H. State Prison Farm, Concord					
Beans, Brittle Wax, S-391	2695	S	S	85	75
Beet, Perfected Detroit, B-11	2692	S	S	85	65
Corn, Early Golden, 1-13	2693	S	S	90	75
Corn, Gold Mine Yellow Hybrid	2694	S	S	90	75
EMPIRE SEED CO., INC., Fredonia, N. Y.					
Edmund's Hardware, Henniker					
Celery, Giant Pascal	2776	S	S	55	55
Cucumber, Longfellow	2774	S	75.5	80	80
Lettuce, Big Boston	2775	S	S	80	80
Radish, White Icicle	2777	S	S	75	75
Farmers' Feed & Supply Co., Lancaster					
Beans, Burpee's Early Stringless Green Pod	2865	S	S	75	75
Corn, Golden Sunshine	2866	S	S	75	75

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EMPIRE SEED CO., Fredonia, N. Y.					
Farmers' Feed & Supply Co., Lancaster					
Peas, Telephone	2864	S	S	80	80
Peas, Laxtonian	2867	S	S	80	80
Milligan & Currier, Manchester					
Cabbage, Danish Ballhead	2477	S	S	75	75
Carrot, Nantes Coreless	2476	S	S	55	55
Cauliflower, Early Snowball	2475	S	70	75	75
Cucumber, Improved Long Green	2481	S	54.5	80	80
Endive, Moss Curled	2480	S	S	70	70
Lettuce, Early Curled Simpson	2479	S	S	80	80
Radish, Early Crimson Giant Globe	2482	S	64.5	75	75
Tomato, Valiant	2478	S	S	75	75
FERRY-MORSE SEED CO., Detroit, Mich.					
Concord Hardware, Concord					
Carrot, Long Orange	2575	S	S	..	55
Cauliflower, Snowball	2579	S	S	85	75
Cucumber, National Pickling	2578	S	S	90	80
Lettuce, Great Lakes	2576	S	S	80	80
Onion, Evergreen Bunching	2574	S	S	80	70
Radish, Chinese Rose Winter	2580	S	S	90	75
Watermelon, Harris' Earliest	2577	S	S	80	70
Neal Hardware, Inc., Dover					
Carrot, Red Cored Chantenay	2721	S	S	60	55
Parsnip, Hollow Crown	2715	S	S	60	60
Radish, Icicle	2716	S	S	90	75
Tomato, Earliana	2717	S	S	80	75
Tomato, Rutgers	2719	S	S	80	75
Tomato, Bonny Best	2720	S	S	80	75
Watermelon, Wonder	2718	S	57.5	80	70
J. J. Newberry, Franklin					
Carrot, Danvers Half Long	2688	S	S	70	55
Lettuce, Grand Rapids	2689	S	S	85	80
Onion, Sweet Spanish	2690	S	S	80	70
Peas, Little Marvel	2691	S	S	80	80
L. L. Peavey Co., Inc., Portsmouth					
Beans, Kentucky Wonder Pole	2505	S	S	85	75
Beet, Early Blood Turnip	2507	S	S	75	65
Parsley, Extra Triple Moss Curled	2508	S	S	60	60
Radish, Early Scarlet Turnip White Tipped	2506	S	S	85	75
Tomato, Stone	2509	S	S	75	75
FREDONIA SEED CO., Fredonia, N. Y.					
Boulay, I. G. A. Store, West Swanzey					
Carrot, Improved Long Orange	2602	S	S	55	55
Celery, Giant Pascal	2597	S	S	55	55
Cucumber, Improved Long Green	2601	S	S	80	80
Lettuce, Romaine, Paris White Cos	2600	S	S	80	80
Onion, Red Wethersfield	2599	S	61	70	70
Parsnip, Hollow Crown	2598	S	S	60	60
Jenkins' Store, Reeds Ferry					
Carrot, Chantenay	2706	S	S	55	55
Cucumber, Early Cluster	2708	S	S	80	80
Muskmelon, Hearts of Gold	2703	S	S	75	75
Onion, Red Wethersfield	2707	S	S	70	70
Radish, French Breakfast	2704	S	S	75	75
Squash, Butternut	2705	S	S	75	75
Milligan & Currier, Manchester					
Beans, Stringless Green Pod	2485	S	S	80	75
Beans, Golden Wax Bush	2486	S	53	80	75
Corn, Golden Cross Bantam Hybrid	2487	S	S	75	75
Lima Beans, Henderson's Bush	2484	S	S	80	70
Peas, Early Alaska Bush	2483	S	S	80	80

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Red & White Stores, Lancaster					
Beans, Golden Wax Bush	2881	S	68	80	75
Beet, Early Eclipse	2882	S	S	..	65
Corn, Golden Bantam Early	2878	S	S	80	75
Parsnip, Hollow Crown	2877	S	S	60	60
Peas, Premium Gem Bush	2879	S	68	80	80
Radish, Early White Tip	2880	S	S	75	75
THE CHAS. C. HART SEED CO., Wethersfield, Conn.					
Hildreth Hardware, Lebanon					
Dandelion, Improved Giant Thick Leaf	2976	S	S	55	45
Katkin Flower Shop, Portsmouth					
Cauliflower, Earliest Snowball	2883	S	S	75	75
Neal Hardware, Derry					
Onion, White Globe	2414	S	S	70	70
Parsnip, Hollow Crown	2413	S	S	60	60
Northwood Ridge Store, Northwood Ridge					
Cauliflower, Earliest Snowball	2884	S	S	75	75
Osgood Hardware, Nashua					
Broccoli, Italian Green Heading Calabrese	2698	S	S	75	75
Muskmelon, Granite State	2696	S	S	90	75
Onion, White Globe	2699	S	S	70	70
Pepper, Green	2700	S	S	55	55
Watermelon, New Hampshire Midget	2697	None	S	..	70
Somersworth Paint & Hardware Co., Somersworth					
Beets, Early Wonder	2823	S	S	65	65
Endive, Escarolle or Broad Leaf Batavian	2821	S	S	70	70
Rhubarb Chard	2820	S	S	65	65
Turnip, White Egg	2822	S	S	80	80
Sunshine Feed Store, Manchester					
Beans, Dwarf Stringless Green Pod	2361	S	S	75	75
Beans, Dwarf Top Notch Golden Wax	2362	S	56	75	75
Beets, Crosby's Egyptian	2354	S	S	65	65
Cabbage, Copenhagen Market	2355	S	S	75	75
Carrot, Scarlet Nantes Coreless	2356	S	S	55	55
Cucumber, Improved Long Green	2357	S	S	80	80
Endive, Green Curled	2359	S	S	70	70
Lettuce, Simpson's Early Curled	2360	S	S	80	80
Turnip, Yellow Globe	2358	S	S	80	80
Sunshine Feed Store, West Lebanon					
Cabbage, Chinese	2946	S	S	..	75
BUDD D. HAWKINS, Reading, Vt.					
Hillsboro General Store, Hillsboro					
Beans, Golden Wax					
Beans, Goddard	2973	S	S	75	75
Corn, Imp. Golden Bantam	2975	S	S	75	75
Peas, World's Record	2971	S	S	75	75
Peas, Tall Telephone	2972	S	72	80	80
	2974	S	S	80	80
Keene Grain Co., Keene					
Carrot, Nantes Coreless	2511	S	S	55	55
Carrot, Improved Long Orange	2512	S	S	55	55
Cucumber, Improved White Spine	2515	S	S	80	80
Cucumber, Straight 8	2516	S	S	80	80
Cucumber, Extra Early Russian	2517	S	S	80	80
Lettuce, Black Seeded Simpson	2510	S	S	80	80
Pumpkin, New England Sugar or Pie	2518	S	S	75	75
Radish, Early Scarlet Turnip	2513	S	S	75	75
Radish, New French Breakfast	2514	S	S	75	75
Spinach, American Savoy Leaved	2521	S	S	60	60
Squash, Gregory's Improved Hubbard	2519	S	S	75	75
Squash, Improved Cocozelle	2520	S	S	75	75

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			Found	Guaran-teed**	N. H. Standard
			(Note)		
Red & White Store, Hollis					
Squash, Buttercup	2701	S	S	75	75
Turnip, New White Sweet German	2702	S	S	80	80
C. S. Wood Co., Antrim					
Cabbage, True Early Winningstadt	2684	S	S	75	75
Carrots, Danvers Half Long Orange	2685	S	S	55	55
Cucumber, Boston Pickling	2686	S	S	80	80
Endive, Broad Leaved Batavian or Escarolle	2683	S	S	70	70
Lettuce, Early Prize Head	2687	S	S	80	80
Tomato, True Giant Ponderosa	2682	S	S	75	75
BILLY HEPLER SEED CO., Durham, N. H.					
F. B. Spaulding Co., Lancaster					
Muskmelon, Granite State	2869	None	67	..	75
Squash, Baby Blue	2868	None	S	..	75
Watermelon, N. H. Midget	2870	None	S	..	70
HOLBROOK GROCERY CO., Keene, N. H.					
Holbrook Grocery Co., Keene					
Beans, Dwarf Wax Pods	2803	S	S	85	75
Beans, Dwarf Shell	2804	S	S	85	75
Beans, Old-fashioned	2805	S	S	..	75
Corn, Sweet Early Golden Bantam	2802	S	S	85	75
MERRIMACK FARMERS' EXCHANGE, INC., Concord					
Merrimack Farmers' Exch., Inc., Derry					
Beans, Goddard Bush Shell, 10-1-D	2408	S	S	..	75
Beets, Early Wonder	2405	S	S	..	65
Corn, Northland, 7-1-C	2407	S	S	..	75
Lettuce, Early Prizehead	2402	S	S	..	80
Muskmelons, Granite State	2406	S	S	..	75
Radishes, Cherry Belle	2401	S	67.5	..	75
Tomatoes, Bonny Best	2403	S	S	..	75
Turnips, American Improved	2404	S	S	..	80
Merrimack Farmers' Exch., Inc., Franklin					
Broccoli, Early Calabrese, 3-1-D	2752	S	S	..	75
Cabbage, Danish Ballhead, 1-1-C	2754	S	S	..	75
Cucumbers, Highmoor, 30-1-D	2753	S	70.5	..	80
Merrimack Farmers' Exch., Inc., Keene					
Lettuce, Great Lakes, 3-1-D	2522	S	S	..	80
Lettuce, Penn Lake, 3-1-D	2523	S	S	..	80
Squash, Warren Turban, 3-1-E	2526	S	S	..	75
Squash, Green Hubbard, 3-1-E	2527	S	S	..	75
Tomatoes, Stone Improved, 2-1-C	2525	S	S	..	75
Turnips, American Improved, 3-1-D	2524	S	S	..	80
Merrimack Farmers' Exch., Inc., Manchester					
Beets, Detroit Dark Red, 3-1-D	2370	S	S	..	65
Carrots, Nantes Golden Beauty, 3-1-D	2369	S	S	..	55
Cucumbers, Long Green, 1-1-D	2368	S	S	..	80
Onions, White, 3-1-C	2367	S	S	..	70
Radishes, Scarlet Globe, 2-1-C	2371	S	S	..	75
Swiss Chard, Lucullus, 3-1-D	2366	S	S	..	65
Merrimack Farmers' Exch., Inc,, Milford					
Corn, High Quality Seneca, 60	2674	S	S	..	75
Corn, Marcross	2675	S	S	..	75
Lima Beans, Henderson's Bush	2676	S	S	..	70
Merrimack Farmers' Exch., Inc., Peterborough					
Cauliflower, Early Snowball, 3-1-D	2762	S	70	..	75
Endive, Deep Heart	2763	S	S	..	70
Endive, Green Curled	2765	S	S	..	70
Lettuce, Imperial No. 847	2764	S	S	..	80

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			(Note)		
Merrimack Farmers' Exch., Inc., Rochester					
Beans, Sure Crop Black Wax, 2-1-C	2563	S	S	..	75
Beans, Cherokee Wax, 3-1-D	2564	S	S	..	75
Corn, Golden Sunshine, 1-1-C	2562	S	S	..	75
Peas, Little Marvel, 3-1-E	2565	S	S	..	80
Peas, World's Record, 3-1-E	2566	S	S	..	80
Squash, Blue Hubbard, 3-1-D	2567	S	S	..	75
N. H. State Hospital Farm, Concord					
Beets, Falzer Cherry	2988	S	S	..	65
N. H. State Industrial School, Manchester					
Beets, Detroit Dark Red, 3-1-D	2824	S	S	..	65
Squash, Blue Hubbard, Colby's	2827	S	S	..	75
Swiss Chard, Fordhook Giant	2829	S	S	..	65
MANDEVILLE & KING CO., Rochester, N. Y.					
Frank W. Baldwin, Pittsburg					
Beets, Detroit Dark Red	2896	S	S	70	65
Carrots, Chantenay Long	2892	S	S	60	55
Cucumber, Long Green	2891	S	S	85	80
Lettuce, Big Boston	2890	S	S	85	80
Muskmelon, Early Bender	2897	S	S	80	75
Radish, Icicle	2893	S	S	80	75
Radish, Scarlet Turnip White Tip	2894	S	S	80	75
Tomato, Rutgers	2895	S	S	80	75
MOREAU'S DEPT. STORE, Manchester, N. H.					
Moreau's Dept. Store, Manchester					
Beans, French Horticulture	2540	S	S	85	75
Beans, Kentucky Wonder Green	2541	S	S	90	75
Beans, Burpee's Stringless Green Pod	2542	S	S	90	75
Beans, Pencil Pod Black Wax	2543	S	S	83	75
Corn, Marcross Hybrid	2538	S	S	90	75
Corn, Golden Sunshine	2539	S	S	90	75
Cucumber, Boston Pickling	2535	S	S	90	80
Lettuce, Black Seeded Simpson	2534	S	S	90	80
Onion, Yellow Globe Danvers	2533	S	S	94	70
Peas, Thomas Laxton	2536	S	78	90	80
Peas, Improved Telephone	2537	S	S	90	80
Peas, Dwarf Champion	2544	S	S	90	80
MOULTON & GOODWIN, Portsmouth, N. H.					
Moulton & Goodwin, Portsmouth					
Beans, Kentucky Wonder	2495	S	S	87	75
Beans, Red Kidney	2496	S	S	90	75
Parsnip, All American	2499	S	S	76	60
Rutabaga Turnip	2497	S	S	87	75
Swiss Chard, Lucullus	2498	S	S	90	65
NORTHRUP, KING & CO., Minneapolis, Minn.					
W. E. Aubuchon Co., Inc., Derry					
Cabbage, Danish Ballhead, Short Stem	2419	S	S	75	75
Carrot, Imperator	2420	S	S	55	55
Corn, Extra Early Golden Bantam	2416	S	S	..	75
Corn, Hybrid Blend, 8-row Bantam	2417	S	S	75	75
Peas, Little Gem	2415	S	S	80	80
Radish, Sparkler	2418	S	S	75	75
W. E. Aubuchon Co., Inc., Milford					
Beans, Improved Golden Wax	2650	S	S	75	75
Beet, Early Wonder	2656	S	S	65	65
Muskmelon, Honey Rock or Sugar Rock	2649	S	S	75	75
Onion, Large White Globe	2654	S	S	70	70
Peas, Thomas Laxton	2653	S	S	80	80
Radish, White Icicle	2651	S	S	75	75
Salsify, Mammoth Sandwich Island	2655	S	S	75	75
Watermelon, Stone Mountain	2652	S	S	70	70

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			(Note)		
Moreau's Dept. Hardware, Manchester					
Carrot, Chantenay	2376	S	S	55	55
Cucumber, White Wonder	2379	S	S	80	80
Lettuce, Early Curled Simpson	2372	S	S	80	80
Lettuce, May King	2378	S	65.5	80	80
Onion, White Bunching	2380	S	S	70	70
Radish, Early Scarlet Turnip	2374	S	S	75	75
Radish, Long Black Spanish Winter	2377	S	S	75	75
Spinach, Bloomsdale or Savoy Leaved	2373	S	S	60	60
Watermelon, Klondike	2375	S	S	70	70
THE PAGE SEED CO., Greene, N. Y.					
Goodman Brothers, Jaffrey					
Beans, Stringless Green Pod	2667	S	S	80	75
Carrots, Danvers Half Long	2663	S	S	75	55
Corn, Golden Bantam	2668	S	S	90	75
Cucumber, Straight 8	2664	S	S	85	80
Cucumbers, Boston Pickling	2665	S	76.5	80	80
Lettuce, Iceberg	2662	S	S	85	80
Peas, Laxton's Progress	2669	S	S	85	80
Radish, Early Scarlet Turnip	2666	S	S	80	75
Hammar Hardware, Nashua					
Beet, Early Blood	2392	S	S	80	65
Carrot, Nantes Coreless	2391	S	S	75	55
Cucumbers, Long Green	2390	S	S	85	80
Lettuce, Simpson's Early Curled	2389	S	S	85	80
Onions, Green Scallions	2385	S	S	80	70
Onions, Prizetaker	2388	S	S	70	70
Tomato, New Stone	2386	S	S	80	75
Turnip, Yellow Globe or Stone	2387	S	S	80	80
Nashua Grain Co., Nashua					
Muskmelon, Extra Early Hackensack	2712	S	S	80	75
Pepper, Green	2711	S	S	75	55
Squash, Improved Hubbard	2713	S	S	85	75
Squash, Early Summer Crookneck	2714	S	S	85	75
Tomato, Ponderosa	2709	S	S	85	75
Tomato, Marglobe	2710	S	S	75	75
Stevens Hardware, Franklin					
Cabbage, Copenhagen Market	2723	S	S	85	75
Parsley, Moss Curled	2724	S	S	70	60
Spinach, Bloomsdale	2722	S	S	70	60
Tomato, Golden Queen	2725	S	S	75	75
RICE BRANCH, ASSOCIATED SEED GROWERS, INC,. Cambridge, N. Y.					
Community Supply, Derry					
Cabbage, Mammoth Red Rock	2424	S	S	80	75
Cucumber, Cubit	2423	S	S	80	80
Onion, Yellow Globe Danvers	2422	S	S	75	70
Parsley, Large Hamburg Rooted	2421	S	S	65	60
Farmers' Feed & Supply Co., Hillsboro					
Carrot, Danvers Half Long	2365	S	S	55	55
Cucumber, Marketer	2363	S	S	80	80
Lettuce, Prizehead Early	2364	S	S	80	80
Food Store, West Swanzey					
Carrots, Nancy	2570	S	S	55	55
Cucumber, National Association Pickling	2569	S	S	80	80
Leek, American Flag	2571	S	S	75	60
Radish, Long Scarlet or Short Top	2568	S	S	80	75
Rutabaga or Swede, Imp. American Purple Top	2573	S	S	80	75
Squash, Boston Marrow	2572	S	S	80	75
Laconia Hardware Co., Laconia					
Beet, Asgrow Wonder	2528	S	S	70	65
Carrot, Nantes Coreless	2532	S	S	55	55
Muskmelon, Rocky Ford	2529	S	S	80	75
Pumpkin, Connecticut Field	2530	S	S	80	75
Radish, Rose China Winter	2531	S	S	80	75

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Spaulding & Sons, Nashua					
Lettuce, Slobolt	2393	S	S	80	80
Lettuce, Great Lakes, Iceberg type	2394	S	S	85	80
J. B. RICE, JR., INC., Shushan, N. Y.					
Bridge Fuel & Grain Co., Walpole					
Broccoli, Italian Green Sprouting	2783	S	S	75	75
Cabbage, Copenhagen Market	2786	S	S	85	75
Cucumber, Straight 8	2781	S	S	85	80
Muskmelon, Bender's Surprise	2780	S	S	85	75
Parsley, Moss Curled	2785	S	S	80	60
Pepper, California Wonder	2787	S	S	70	55
Radish, White Icicle	2784	S	S	85	75
Sage, Broadleaf	2782	S	S	80	..
Salsify, Mammoth Sandwich Island	2779	S	S	85	75
Tomato, Bonny Best	2778	S	S	75	75
Fox Hardware, Penacook					
Cabbage, Early Jersey Wakefield	2594	S	S	85	75
Carrot, Red Cored Chantenay	2589	S	S	65	55
Carrot, Improved Long Orange	2590	S	S	65	55
Egg Plant, Black Beauty	2596	S	S	60	60
Kohl Rabi, Early White Vienna	2595	S	S	85	75
Lettuce, Early Curled Simpson	2593	S	S	85	80
Onion, White Portugal	2592	S	64.5	70	70
Parsnip, Hollow Crown	2591	S	S	60	60
ROSS BROS. CO., Worcester, Mass.					
Hopkins Bros. Store, Greenfield					
Broccoli, Italian Green Sprouting	2659	S	S	..	75
Carrot, Danvers Half Long	2657	S	S	..	55
Carrot, Early Chantenay	2658	S	S	..	55
Cucumber, Improved Long Green	2672	S	S	..	80
Lettuce, Black Seeded Tennis Ball	2661	S	S	..	80
Parsnip, Hollow Crown	2670	S	S	..	60
Radish, Early Scarlet Globe	2660	S	S	..	75
Turnip, Early Purple Top White Globe	2671	S	S	..	80
J. Jones & Son, Alton					
Carrot, Early Chantenay	2901	S	S	..	55
Endive, Broad Leaved Batavian	2898	S	S	..	70
Pepper, Large Bell or Bull Nose	2899	S	S	..	55
Spinach, Early Giant Thick Leaved	2900	S	S	..	60
SEARS, ROEBUCK & CO., Chicago, Ill.					
Sears, Roebuck & Co., Concord					
Beet, Early Wonder	2432	S	S	70	65
Kohl Rabi, White Vienna	2436	S	S	80	75
Lettuce, Slobolt	2435	S	S	80	80
Tomato, Marglobe	2433	S	S	80	75
Turnip, Seven Top	2434	S	S	80	80
Sears, Roebuck & Co., Nashua					
Carrot, Nantes Coreless	2425	S	S	55	55
Cucumber, Marketer	2430	S	S	80	80
Onion, Yellow Sweet Spanish	2429	S	S	75	70
Peas, Laxton's Progress, Dwarf	2431	S	S	80	80
Radish, Scarlet Turnip, White Tip	2426	S	S	80	75
Tomato, Earliana	2428	S	S	75	75
Turnip, Purple Top Strap Leaf	2427	S	S	80	80
STERLING SEED CO., Minneapolis, Minn.					
M. H. Fishman, Keene					
Beans, Scarlet Runner	2448	S	S	..	75
Cabbage, Danish Ballhead	2447	S	S	..	75
Kohl Rabi, Early White Vienna	2446	S	71	..	75
Parsley, Dark Moss Curled	2445	S	S	..	60

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Landaus' Dept. Store, Laconia					
Corn, Hybrid Blend, 8-row Sweet	2438	S	S	..	75
Parsnip, Improved Hollow Crown	2440	S	S	..	60
Peas, Little Gem	2437	S	S	..	80
Peas, Progress (Improved Laxtonian)	2439	S	S	..	80
Radish, Crimson Giant	2442	S	S	..	75
Rhubarb	2444	S	S	..	60
Spinach, Bloomsdale or Savoy Leaved	2443	S	S	..	60
Watermelon, Kleckley's Sweet	2441	S	S	..	70
VAUGHAN'S SEED STORE, Chicago					
New London Florists, New London					
Beans, Stringless Green Pod	2985	None	S	..	75
Beets, Detroit Dark Red	2981	None	S	..	65
Cabbage, Premium Late Flat Dutch	2980	None	S	..	75
Carrots, Imperator	2982	None	S	..	55
Carrots, Danvers	2983	None	S	..	55
Corn, Golden Bantam	2986	None	S	..	75
Lettuce, Black Seeded Simpson	2984	None	S	..	80
Muskmelon, Milwaukee Market	2978	None	S	..	75
Parsnip, Vaughan's Hollow Crown	2977	None	S	..	60
Radish, Early Scarlet Turnip	2979	None	S	..	75
F. H. WOODRUFF & SONS, INC., Milford, Conn.					
G. N. Bartemus Co., Concord					
Carrots, Imp. Long Orange	2859	S	S	75	55
Cucumber, Improved Long Green, 9-0164	2858	S	S	90	80
Lettuce, Iceberg, 1-119	2856	S	S	90	80
Parsnip, Hollow Crown, 9-213	2855	S	S	85	60
Pumpkin, Connecticut Field, 39865	2851	S	S	90	75
Radish, Special Early Scarlet Globe, 2-223	2857	S	S	90	75
Spinach, Long Standing Bloomsdale, 37684	2852	S	S	85	60
Squash, Golden Hubbard, 9-6318	2853	S	S	85	75
Swiss Chard, Lucullus, 1-6413	2850	S	S	75	65
Turnip, Purple Top White Globe, 1-1650	2854	S	S	90	80
Checkerboard Feed Store, Manchester					
Beans, Pencil Pod Black Wax	2458	S	S	89	75
Carrot, Danvers Half Long	2464	S	S	75	55
Corn, Golden X Bantam	2457	S	S	85	75
Cucumber, Boston Pickling	2463	S	S	85	80
Lettuce, Iceberg	2461	S	S	90	80
Peas, Thomas Laxton	2466	S	S	90	80
Pumpkin, Small Sugar	2459	S	S	85	75
Radish, Scarlet Globe	2460	S	S	90	75
Spinach, Bloomsdale Long Standing	2465	S	S	80	60
Swiss Chard, Fordhook Giant	2462	S	S	85	65
General Mills, Inc., Exeter					
Beans, Improved Yellow Eye	2930	S	S	..	75
Beans, Burpee's Stringless Green Pod	2933	S	S	..	75
Beans, Tendergreen	2934	S	S	..	75
Beans, Lowe's Champion Shell	2936	S	S	78	75
Beets, Detroit Dark Red	2935	S	S	65	65
Corn, Improved Golden Bantam	2928	S	S	..	75
Peas, Laxtonian	2931	S	S	..	80
Peas, World's Record	2932	S	S	..	80
Squash, Butternut	2929	S	S	..	75
General Mills, Inc., Nashua					
Beans, Top Notch Golden Wax	2384	S	47	79	75
Corn, Golden Bantam, 8-row	2381	S	S	81	75
Corn, Hybrid Golden Cross Bantam	2382	S	S	85	75
Peas, World's Record	2383	S	S	80	80
Merrimack Farmers' Exchange, Inc., Concord					
Beans, Top Notch Garden Wax, 2-263C	2332	S	S	83	75
Beans, Cherokee, 2-1946	2333	S	80.5†	90	75
Beans, Top Notch Garden Wax, 2-277C	2334	S	S	80	75
Beans, Round Pod Crop Kidney Wax	2337	S	S	83	75
Beans, Sure Crop, 2-121C	2338	S	S	83	75

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Beans, Plentiful, 2-155C	2339	S	S	90	75
Beans, Pencil Pod Black Wax, 5-250	2340	S	S	85	75
Beans, Bountiful, C2-250	2341	S	S	90	75
Beans, Burpee's Stringless Green Pod, 2-127C	2342	S	S	87	75
Beans, Burpee's Stringless Green Pod, O-136	2343	S	S	90	75
Beans, Burpee's Stringless Green Pod, 2-242C	2344	S	80†	88	75
Lima Beans, Fordhook Bush, 1-084	2327	S	S	90	70
Peas, Gradus, 5-215	2326	S	80†	90	80
Peas, Little Marvel, 2-216	2328	S	S	90	80
Peas, Dwarf Telephone, 1-141	2329	S	80†	90	80
Peas, Laxtonian, 2-218	2330	S	S	90	80
Peas, Laxton's Progress, 2-218	2331	S	S	90	80
Peas, World's Record, 32684	2335	S	S	90	80
Peas, Improved Telephone, 2-132	2336	S	S	90	80
Nashua Hardware & Plumbing Supply, Nashua					
Beans, Top Notch Golden Wax	2559	S	57	80	75
Beans, Red Kidney	2560	S	S	90	75
Beans, Burpee's Stringless Green Pod	2561	S	S	88	75
Lima Beans, King of the Garden	2558	S	S	90	70
S. D. WOODRUFF & SONS, INC., Orange, Conn. Checkerboard Feed Store, Concord					
Cabbage, Drumhead Savoy	2605	S	S	80	75
Cucumber, Boston Pickling	2606	S	S	80	80
Cucumber, Marketer	2607	S	S	80	80
Muskmelon, Green Fleshed Rocky Ford	2608	S	S	75	75
Parsley, Moss Curled	2610	S	S	60	60
Parsnip, Hollow Crown	2609	S	S	75	60
Turnip, Yellow Globe	2604	S	S	80	80
Watermelon, Dixie Queen	2603	S	S	80	70
Veilleux Hardware, Claremont					
Cabbage, Mammoth Red Rock	2581	S	S	80	75
Carrot, Hutchinson	2582	S	S	70	55
Onion, Yellow Globe Danvers	2584	S	S	75	70
Parsley, Long Rooted Hamburg	2583	S	S	75	60
Pepper, Bell or Bull Nose, Sweet	2587	S	S	70	55
Radish, Black Spanish Round	2586	S	S	75	75
Radish, Early Scarlet Globe	2588	S	S	80	75
Squash, Cocozelle Long Green Bush	2585	S	S	80	75

It is presumed that the following samples of seed were carried over by the dealer from the previous season; hence, the name of the wholesaler is omitted:

Ayers & Jenkins Co., Hdw., Rochester					
Beans, Dwarf Horticulture	2555	None	S	..	75
Corn, Marcross	2553	None	S	..	75
Hayden Cheney & Sons, Newton Jct.					
Beans, Sure Crop Bush	2970	None	71	..	75
Carrots, Nantes	2968	None	S	..	55
Peas, Sutton's Excelsior	2967	None	50	..	80
Folansbee's Feed, Lebanon					
Beans, Black Wax	2915	None	S	..	75
Corn, Golden Bantam	2918	None	S	..	75
Peas, Gradus	2916	None	S	..	80
Peas, Dark Pod Telephone	2917	None	S	..	80
General Mills, Inc., Exeter					
Beans, Scarlet Runner	2927	None	S	..	75
Hildreth Hardware, Lebanon					
Beans, Kentucky Wonder	2921	None	S	90	75
Beans, Golden Wax	2922	None	78†	90	75
Beans, Pole Horticultural	2923	None	S	85	75
Beets, Early Blood Turnip	2926	None	S	90	65
Corn, Golden Bantam	2919	None	S	90	75
Corn, Golden Midget	2920	None	S	90	75
Peas, Tall Telephone	2924	None	S	90	80
Peas, Alderman	2925	None	S	90	80

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